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IMPORTANT FAX DOCUMENT

DATE March 27, 2006

NAME Mail Stop: Amendment

COMPANY United States Patent and Trademark Office

FAX NUMBER (571) 273-8300

FROM Robert A. Blaha

REFERENCE NO. 10/787,349 10031004-1
01015.0187U1

OUR FAX NUMBER 770-804-0900

NUMBER OF PAGES 9

Amendment Transmittal (1 page);
Amendment and Remarks (7 pages) for:

Patent Application No. 10/787,349
Buried Heterostructure Device Fabricated by Single Step MOCVD
Examiner: Stahl, Michael J. Art Unit: 2874 Confirmation No.: 4871

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to: Commissioner For Patents, (571) 273-8300, on the date indicated below.

Robert A. Blaha
Robert A. Blaha

March 27, 2006
Date

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AVAGO TECHNOLOGIES, INC.
P.O. Box 1920
Denver, Colorado 80201-1920

MAR 27 2006

ATTORNEY DOCKET NO. 10031004-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): David P. Bour et al.

Serial No.: 10/787,349

Examiner: Stahl, Michael J.

Filing Date: February 25, 2004

Group Art Unit: 2874

Title: Buried Heterostructure Device Fabricated By Single Step MOCVD

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond
☐ New fee as calculated below ☐ Supplemental Declaration
☒ No additional fee (Address envelope to "Mail Stop Amendments")
☐ Other: (Fee \$_____)

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY | | | | | | |
|---|--|--|---|---|-------------|---------------------------|
| (1) FOR | (2) CLAIMS REMAINING AFTER AMENDMENT | (3) NUMBER EXTRA | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | (5) PRESENT EXTRA | (6) RATE | (7) ADDITIONAL FEES |
| TOTAL CLAIMS | 22 | MINUS | 22 | = 0 | X 50 | \$ 0 |
| INDEP. CLAIMS | 3 | MINUS | 3 | = 0 | X 200 | \$ 0 |
| <input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM | | | | | + 360 | \$ 0 |
| EXTENSION FEE | 1 ST MONTH 120.00 <input type="checkbox"/> | 2 ND MONTH 450.00 <input type="checkbox"/> | 3 RD MONTH 1020.00 <input type="checkbox"/> | 4 TH MONTH 1590.00 <input type="checkbox"/> | OTHER FEES | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT | | | | | | \$ 0 |

Charge \$0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

David P. Bour et al.

By



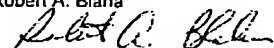
Robert A. Blaha
Attorney/Agent for Applicant(s)

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Date of facsimile: March 27, 2006

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003/009

Patent

Application No.: 10/787,349

Avago Docket No.: 10031004-1

Page 1 of 7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---|---|-----------------------------|
| In Re Application of: David P. Bour <i>et al.</i> |) | |
| |) | Group Art Unit: 2874 |
| Serial No.: 10/787,349 |) | |
| |) | Examiner: Stahl, Michael J. |
| Filed: February 25, 2004 |) | |
| |) | |
| For: Buried Heterostructure |) | Docket No.: 10031004-1 |
| Device Fabricated By Single Step |) | |
| MOCVD |) | Confirmation No.: 4871 |

FIRST RESPONSE

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC
Customer Number 35856

Sir:

In response to the non-final Office Action mailed March 1, 2006, Applicants submit the following remarks.

A List of the Claims begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

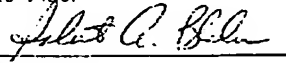
AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Avago Technologies, Ltd. Deposit Account No. 50-3718.

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Date: March 27, 2006


Robert A. Blaha

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